



SEQUENCE LISTING

<110> Cantor, Thomas L.

<120> METHODS, KITS AND ANTIBODIES FOR
DETECTING PARATHYROID HORMONE

<130> 532212000623

<140> US 10/617,489

<141> 2003-07-10

<150> US 09/344,639

<151> 1999-06-26

<150> US 09/231,422

<151> 1999-01-14

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 84

<212> PRT

<213> Homo sapiens

<400> 1

Ser	Val	Ser	Glu	Ile	Gln	Leu	Met	His	Asn	Leu	Gly	Lys	His	Leu	Asn
1				5					10					15	
Ser	Met	Glu	Arg	Val	Glu	Trp	Leu	Arg	Lys	Lys	Leu	Gln	Asp	Val	His
		20						25					30		
Asn	Phe	Val	Ala	Leu	Gly	Ala	Pro	Leu	Ala	Pro	Arg	Asp	Ala	Gly	Ser
	35						40					45			
Gln	Arg	Pro	Arg	Lys	Lys	Glu	Asp	Asn	Val	Leu	Val	Glu	Ser	His	Glu
	50					55					60				
Lys	Ser	Leu	Gly	Glu	Ala	Asp	Lys	Ala	Asp	Val	Asn	Val	Leu	Thr	Lys
65					70					75					80
Ala	Lys	Ser	Gln												

<210> 2

<211> 84

<212> PRT

<213> Rat

<400> 2

Ala	Val	Ser	Glu	Ile	Gln	Leu	Met	His	Asn	Leu	Gly	Lys	His	Leu	Ala
1				5					10					15	
Ser	Val	Glu	Arg	Met	Gln	Trp	Leu	Arg	Lys	Lys	Leu	Gln	Asp	Val	His
		20						25					30		
Asn	Phe	Val	Ser	Leu	Gly	Val	Gln	Met	Ala	Ala	Arg	Glu	Gly	Ser	Tyr
	35						40					45			
Gln	Arg	Pro	Thr	Lys	Lys	Glu	Asp	Asn	Val	Leu	Val	Asp	Gly	Asn	Ser
	50					55					60				
Lys	Ser	Leu	Gly	Glu	Gly	Asp	Lys	Ala	Asp	Val	Asp	Val	Leu	Val	Lys
65					70					75					80
Ala	Lys	Ser	Gln												

<210> 3
 <211> 84
 <212> PRT
 <213> Mouse

<400> 3
 Ala Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Ala
 1 5 10 15
 Ser Val Glu Arg Met Gln Trp Leu Arg Arg Lys Leu Gln Asp Met His
 20 25 30
 Asn Phe Val Ser Leu Gly Val Gln Met Ala Ala Arg Asp Gly Ser His
 35 40 45
 Gln Lys Pro Thr Lys Lys Glu Glu Asn Val Leu Val Asp Gly Asn Pro
 50 55 60
 Lys Ser Leu Gly Glu Gly Asp Lys Ala Asp Val Asp Val Leu Val Lys
 65 70 75 80
 Ser Lys Ser Gln

<210> 4
 <211> 84
 <212> PRT
 <213> Bovine

<400> 4
 Ala Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser
 1 5 10 15
 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
 20 25 30
 Asn Phe Val Ala Leu Gly Ala Ser Ile Ala Tyr Arg Asp Gly Ser Ser
 35 40 45
 Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Gln
 50 55 60
 Lys Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asp Val Leu Ile Lys
 65 70 75 80
 Ala Lys Pro Gln

<210> 5
 <211> 84
 <212> PRT
 <213> Canine

<400> 5
 Ser Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser
 1 5 10 15
 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
 20 25 30
 Asn Phe Val Ala Leu Gly Ala Pro Ile Ala His Arg Asp Gly Ser Ser
 35 40 45
 Gln Arg Pro Leu Lys Lys Glu Asp Asn Val Leu Val Glu Ser Tyr Gln
 50 55 60
 Lys Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asp Val Leu Thr Lys
 65 70 75 80
 Ala Lys Ser Gln

<210> 6
 <211> 84
 <212> PRT
 <213> Porcine

<400> 6
 Ser Val Ser Glu Ile Gln Phe Met His Asn Leu Gly Lys His Leu Ser
 1 5 10 15
 Ser Leu Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
 20 25 30
 Asn Phe Val Ala Leu Gly Ala Ser Ile Val His Arg Asp Gly Gly Ser
 35 40 45
 Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Gln
 50 55 60
 Lys Ser Leu Gly Glu Ala Asp Lys Ala Ala Val Asp Val Leu Ile Lys
 65 70 75 80
 Ala Lys Pro Gln

<210> 7
 <211> 86
 <212> PRT
 <213> Horse

<220>
 <221> VARIANT
 <222> 67
 <223> Xaa = Any Amino Acid

<400> 7
 Lys Arg Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His
 1 5 10 15
 Leu Asn Ser Val Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp
 20 25 30
 Val His Asn Phe Ile Ala Leu Gly Ala Pro Ile Phe His Arg Asp Gly
 35 40 45
 Gly Ser Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Ile Glu Ser
 50 55 60
 His Gln Xaa Ser Leu Gly Glu Ala Asp Lys Ala Asp Val Asp Val Leu
 65 70 75 80
 Ser Lys Thr Lys Ser Gln
 85